

INTERNATIONAL SEARCH REPORT

International Application No

PCT/EP 03/13716

A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 C07C253/30

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)

IPC 7 C07C

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, CHEM ABS Data, BEILSTEIN Data

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
X	PATENT ABSTRACTS OF JAPAN vol. 2000, no. 13, 5 February 2001 (2001-02-05) & JP 2000 281636 A (FUJI PHOTO FILM CO LTD), 10 October 2000 (2000-10-10) abstract	1-15
A	TABATSKAYA A.A. ET AL.: "Reactions of 1-halo-4-nitroanthraquinones with C-nucleophiles" RUSSIAN JOURNAL OF ORGANIC CHEMISTRY., vol. 37, no. 3, 2001, pages 410-415, XP002276069 USCONSULTANTS BUREAU. see experimental (IX) and (VII)	1-15
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Further documents are listed in the continuation of box C.



Patent family members are listed in annex.

* Special categories of cited documents:

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Date of the actual completion of the international search

6 April 2004

Date of mailing of the international search report

23/04/2004

Name and mailing address of the ISA

European Patent Office, P.B. 5818 Patentlaan 2
NL - 2280 HV Rijswijk
Tel (+31-70) 340-2040, Tx. 31 651 epo nl,
Fax: (+31-70) 340-3016

Authorized officer

Beslier, L

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT		
Category *	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
A	WO 00/78712 A (NOVERTIS AG) 28 December 2000 (2000-12-28) cited in the application the whole document	1-15
A	PATENT ABSTRACTS OF JAPAN vol. 0100, no. 56 (C-331), 6 March 1986 (1986-03-06) & JP 60 197650 A (NITTO KASEI KK), 7 October 1985 (1985-10-07) cited in the application abstract	1-15
A	PATENT ABSTRACTS OF JAPAN vol. 0100, no. 67 (C-333), 15 March 1986 (1986-03-15) & JP 60 204753 A (NITTO KASEI KK), 16 October 1985 (1985-10-16) abstract	1-15
A	CRISTAU H J ET AL: "A novel and efficient arylation of malononitrile catalyzed by nickel(0) complexes" TETRAHEDRON LETTERS, ELSEVIER SCIENCE PUBLISHERS, AMSTERDAM, NL, vol. 41, no. 44, 28 October 2000 (2000-10-28), pages 8457-8460, XP004236102 ISSN: 0040-4039 the whole document	1-15

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Patent document cited in search report		Publication date	Patent family member(s)	Publication date
JP 2000281636	A	10-10-2000	NONE	
WO 0078712	A	28-12-2000	AU 5682200 A BR 0011700 A CA 2368827 A1 CN 1355786 T WO 0078712 A1 EP 1185506 A1 HU 0201486 A2 JP 2003502403 T PL 352102 A1 ZA 200109838 A	09-01-2001 05-03-2002 28-12-2000 26-06-2002 28-12-2000 13-03-2002 28-08-2002 21-01-2003 28-07-2003 01-07-2002
JP 60197650	A	07-10-1985	JP 1864520 C JP 5068460 B	08-08-1994 29-09-1993
JP 60204753	A	16-10-1985	NONE	